

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10533392"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 11:00
S2	73	"347".clas. and laser and prism and substrate and drum and writing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 11:08
S3	20	nakamura.inv. and "347".clas. and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 11:11
S4	16	"a light source" and masumoto. inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 11:37
S5	7	"a light source" and masumoto. inv. and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 11:40
S6	32	"a light source" and yuji.inv. and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 11:43
S7	6	"light" and "prism" and "writing" and "drum" and 347/224.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 11:54

## EAST Search History

S8	5	"light" and "prism" and "writing" and "transparent" and 347/224. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 12:07
S9	23	shunji.inv. and "347".clas. and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 12:07
S10	48	murano near1 shunji.inv. and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 12:13
S11	11	"image writing apparatus" and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 12:51
S12	13	light and prism and substrate and drum and writing and organic and "micro lens"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 12:53
S13	13	light and prism and substrate and drum and writing and "micro lens"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 13:27
S14	44	"writing" and image and transparent near1 substrate and laser and drum and organic and lens and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 13:19
S15	175	transparent near1 substrate and "image writing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 13:30

## EAST Search History

S16	124	transparent near1 substrate and "image writing" and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 13:30
S17	11	transparent near1 substrate and "image writing apparatus"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 13:31
S18	104	transparent near1 substrate and "image writing" and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 13:53
S19	90	image near4 writing and light near1 guide and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 13:54
S20	61	image near4 writing and light near1 guide and prism and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 14:02
S21	330	writing and light near1 guide and prism and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 14:02
S22	29	writing and light near1 guide and prism and substrate and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 14:04
S23	7	writing and light near1 guide and prism and "transparent substrate" and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/12 14:05

## EAST Search History

S24	27	light near1 guide and prism and "transparent substrate" and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 08:20
S27	20	light near1 guide and prism and "transparent substrate" and layer near4 surface and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 08:34
S28	5	laser near1 guide and prism and "transparent substrate" and layer near4 surface and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 08:34
S31	14	laser and prism and "transparent substrate" and layer near4 surface and drum and "light guide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 08:36
S34	35	laser and prism and "transparent substrate" and writing and "light guide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 08:37
S35	37	led and prism and "transparent substrate" and writing and "light guide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 08:38
S36	2	led and prism and "transparent substrate" and writing and "light guide" and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 08:38
S37	12	led and prism and "transparent substrate" and image and "light guide" and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 08:42

## EAST Search History

S38	38	led and prism and light near10 condens\$3 and "transparent substrate" and writing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 08:48
S40	15	led and prism and light near10 condens\$3 and "transparent substrate" and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 09:14
S41	61	led and "transparent substrate" and "image writing"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 09:15
S44	22	"light emitting element" near10 substrate near10 layer and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 11:07
S45	8	"light emitting element" near10 substrate near10 image and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 11:09
S49	118	led and prism and substrate and image and emit and layer and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 15:14
S50	337	led near3 substrate and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 15:15
S51	147	led near3 substrate and drum and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 15:15

## EAST Search History

S52	40	led near3 substrate and convert and drum and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 15:16
S53	0	microlens adj alley same light and light adj guide and optical near3 fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:40
S54	137	microlens same light and light adj guide and optical near3 fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:42
S55	5	microlens same light and light adj guide and optical near3 fiber and print	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:42
S56	15	microlens same light and light adj guide and optical near3 fiber and printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:43
S57	15	microlens and light adj guide and optical near3 fiber and printer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:43
S58	211	microlens and light adj guide and lens and fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:43
S59	147	microlens and light adj guide and lens and fiber and image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 15:43

## EAST Search History

S60	4276	mesa adj structure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:06
S61	601	mesa adj structure and light adj source	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:06
S62	13	mesa adj structure and light adj source and nakamura.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/31 16:06
S65	0	cylindrical adj lens and electrode near9 substrate and prism and drum and electrolumines	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:29
S66	1220	cylindrical adj lens and electrode near10 substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:29
S67	1	fiber adj lens and electrode near10 substrate and wave adj guide and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:31
S68	4	"10308007"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:30
S69	16	lens and electrode near10 substrate and wave adj guide and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:55



## EAST Search History

S70	29	lens and electrode near10 substrate and light adj guide and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:00
S71	179	KOKAI.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:00
S72	8	KOKAI.inv. and organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:06
S73	1141	ogura.inv. and organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:06
S74	0	jun adj ogura.inv. and organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:06
S75	0	jun adj ogura.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:07
S76	109	jun near1 ogura.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:07
S77	74	jun near1 ogura.inv. and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:07



## EAST Search History

S78	25	jun near1 ogura.inv. and substrate and organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:29
S79	4	OGURA near1 SHIGEKI and organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:38
S80	129	fiber adj lens and electrode and substrate and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 12:00
S81	7	fiber adj lens and electrode and substrate and prism and drum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 12:01
S82	3	fiber adj lens and electrode and substrate and prism and latent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 12:01
S83	24	prism near5 emit and substrate near32 electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 12:50
S84	6786	ishikawa.inv. and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 12:51
S85	1128	ishikawa.inv. and substrate and organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 12:51

## EAST Search History

S86	285	ishikawa.inv. and substrate and organic and exposure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 12:51
S87	259	ishikawa.inv. and substrate and organic and exposure and light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 12:51
S88	46	ishikawa.inv. and substrate and organic and exposure and light and lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 12:52
S89	6	ishikawa.inv. and substrate and organic and exposure and light and lens and prism	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 12:52
S90	29394	izumi.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:50
S91	29	izumi.inv. and optical adj scanning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:51
S92	5	izumi.inv. and optical adj scanning and second adj substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/06 11:51
S93	823	(347/224).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 18:54

## EAST Search History

S94	359	(347/225).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/26 16:30
S95	68	lens with led with substrate and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 16:30
S96	29	laser with built-in near lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 18:50
S97	19	led with built-in near lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 18:50
S98	54	(light and converting near structure).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 18:54
S99	150	light with waveguide and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/26 18:59
S100	10127	light near guide with lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 11:01
S101	89	light near guide with lens and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 11:16

## EAST Search History

S10 2	51	light near guide with LED and "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:40
S10 3	6387	light near guide with LED not "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:41
S10 4	4131	light near guide near5 LED not "347".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:58
S10 5	354	light near guide near5 LED not "347".clas. and converting with light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:41
S10 6	1	"4728995".PN.	USPAT; USOCR	OR	ON	2007/07/27 12:49
S10 7	20	("4728995"   "4930008"   "5019897"   "5489992"   "5581076"   "6081351"   "6259082"   "6295141"   "6357903"   "6496285"   "6563611"   "6573487"   "6612730"   "6661497"   "6724503"   "6744033"   "6783254"   "6816624"   "6892945").PN. OR ("7042599").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/27 12:50
S10 8	898	light near guide near5 LED not "347".clas. and perpendicular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 12:58
S10 9	137	light near guide near5 LED not "347".clas. and perpendicular and converting with light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:14

## EAST Search History

S11 0	6	light near guide and converting with means with light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:15
S11 1	278	light near guide and advancing near light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:20
S11 2	50	light near guide and advancing near light and imaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:22
S11 3	3	light near guide and advancing near light and medium with photosensitive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:24
S11 4	1	wave near guide and advancing near light and medium with photosensitive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:24
S11 5	11	light near guide and perpendicular near light and medium with photosensitive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:24
S11 7	4	organic with led and 347/224.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:46
S11 8	2	organic with led and 347/225.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/27 13:46